

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 18572 | (divid\$3 or divis\$3) with (popular\$3 or ((number or quantity or frequency) with (listen\$3 or play\$3 or record\$3)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 14:59 |
| S2    | 1340  | S1 same (music or song or audio or mp3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 15:05 |
| S3    | 3161  | (divid\$3 or divis\$3) near3 (popular\$3 or ((number or quantity or frequency) near3 (listen\$3 or play\$3 or record\$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 15:16 |
| S4    | 157   | S3 same (music or song or audio or mp3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 15:16 |
| S5    | 36    | (similar) with (music or audio or mp3 or song) with (sort\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 15:29 |
| S6    | 2927  | (music or audio or mp3 or song) with (sort\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 15:36 |
| S7    | 22523 | (similar) with (music or audio or mp3 or song)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 15:36 |
| S8    | 712   | S6 and S7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/07 15:36 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S9  | 462    | S8 and (@AD<"20021118" or @RLAD<"20021118")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 15:36 |
| S10 | 34     | (music or audio or mp3 or song) with (sort\$3) with (descend\$3)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 15:38 |
| S11 | 755    | S3 and (music or song or audio or mp3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:13 |
| S12 | 588    | S11 and (@AD<"20021118" or @RLAD<"20021118")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:13 |
| S14 | 443249 | (popular\$3 or ((number or quantity or frequency or count) near3 (listen\$3 or play\$3 or record\$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:14 |
| S15 | 218353 | (number or quantity or frequency or count) near3 (listen\$3 or play\$3 or record\$3)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:15 |
| S16 | 22     | S15 near3 (denominator)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:15 |
| S17 | 64919  | (number or quantity or frequency or count) near3 (listen\$3 or play\$3 or hear\$3)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:16 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S18 | 0      | S17 near3 (denominator)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:16 |
| S19 | 738    | S17 near3 (divid\$3 or divis\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:17 |
| S20 | 508    | S19 and (@AD<"20021118" or @RLAD<"20021118")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:20 |
| S21 | 41     | S20 and ((music or song or mp3 or audio) with (search\$3 or match\$3 or compar\$3 or taste or similar))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07 16:21 |
| S22 | 12376  | (ratio) same (popular\$3 or ((number or quantity or frequency or count) near3 (listen\$3 or play\$3 or record\$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:47 |
| S26 | 111848 | (like or similar\$3 or common or correspond\$3 or match\$3) with (music or song or audio or mp3)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:50 |
| S27 | 4371   | (ratio) with (popular\$3 or ((number or quantity or frequency or count) near3 (listen\$3 or play\$3 or record\$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:50 |
| S28 | 358    | S26 and S27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:50 |

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|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S29 | 286    | S28 and (@AD<"20021118" or @RLAD<"20021118")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:50 |
| S30 | 3494   | (ratio) with (((number or quantity or frequency or count) near3 (listen\$3 or play\$3 or record\$3)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:51 |
| S31 | 309    | S26 and S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:51 |
| S32 | 259    | S31 and (@AD<"20021118" or @RLAD<"20021118")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 10:51 |
| S33 | 3641   | (discover\$3 or search\$3 or seek\$3 or find\$3) with (similar or like or analogous or correspond\$3 or match\$3 or resembl\$3) with (music or song or mp3 or audio) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 09:29 |
| S34 | 280244 | (number or count or many or frequent\$2) with (listen or play or listener or download or access)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 09:31 |
| S35 | 1158   | S33 and S34  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 09:31 |
| S36 | 701    | S35 and (@AD<"20021118" or @RLAD<"20021118")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 09:32 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S37 | 18449  | S34 same (formula or divid\$3 or division or multiplication or multiply\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 09:34 |
| S38 | 33     | S33 and S37 and<br>(@AD<"20021118" or<br>@RLAD<"20021118")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 09:34 |
| S39 | 713    | (discover\$3 or search\$3 or seek\$3 or find\$3) near3 (similar or like or analogous or correspond\$3 or match\$3 or resembl\$3) near3 (music or song or mp3 or audio) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 10:01 |
| S40 | 110879 | (number or count or many or frequent\$2) near3 (listen or play or listener or download or access)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 10:01 |
| S41 | 68     | S39 and S40 and<br>(@AD<"20021118" or<br>@RLAD<"20021118")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 10:02 |
| S42 | 68     | S41 not S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 10:02 |
| S43 | 10064  | (popularity or popular) same (divid\$3 or proportion\$2 or ratio)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 14:13 |
| S44 | 713    | (discover\$3 or search\$3 or seek\$3 or find\$3) near3 (similar or like or analogous or correspond\$3 or match\$3 or resembl\$3) near3 (music or song or mp3 or audio) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 14:14 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S45 | 17     | S43 and S44   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 14:14 |
| S46 | 268222 | (ratio or proportion) near3<br>(similar\$3 or closeness or<br>recommendation or rat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 14:29 |
| S47 | 9      | S44 and S46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 14:30 |
| S48 | 221121 | ((number or quantity or frequency<br>or count) near3 (listen\$3 or play\$3<br>or record\$3 or popular\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:31 |
| S49 | 51038  | (like or similar\$3 or common or<br>correspond\$3 or match\$3) near3<br>(music or song or audio or mp3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:32 |
| S50 | 867    | S48 same S49  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:32 |
| S51 | 846    | ((search\$3 or discover\$3 or<br>identify\$3) near3 (like or similar\$3<br>or common or correspond\$3 or<br>match\$3) near3 (music or song or<br>audio or mp3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:33 |
| S52 | 35     | S50 and S51   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:33 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S53 | 1078  | (popular\$3) same (similar\$3) same<br>(music or audio or mp3 or song)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:38 |
| S54 | 43    | ((search\$3 or discover\$3 or<br>identify\$3 or find\$3 or seek\$3)<br>near3 (like or similar\$3 or common<br>or correspond\$3 or match\$3) near3<br>(music or song or audio or mp3))<br>and S53 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:39 |
| S55 | 1082  | (popular\$3) same (similar\$3) same<br>(music or audio or mp3 or song)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/21 12:29 |
| S56 | 241   | ((search\$3 or discover\$3 or<br>identify\$3 or find\$3 or seek\$3)<br>near3 (music or song or audio or<br>mp3)) and S55   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/21 12:29 |
| S57 | 43    | ((search\$3 or discover\$3 or<br>identify\$3 or find\$3 or seek\$3)<br>near3 (like or similar\$3 or common<br>or correspond\$3 or match\$3) near3<br>(music or song or audio or mp3))<br>and S55 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/21 12:29 |
| S58 | 198   | S56 not S57  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/21 12:29 |
| S59 | 78    | S58 and (@AD<"20021118" or<br>@RLAD<"20021118")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/21 12:30 |
| S60 | 30277 | (similar or comparable or like or<br>match\$3 or relat\$3) with (divid\$3<br>or ratio) with (popular\$3 or<br>frequency or count)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:57 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S61 | 19097 | S60 and (@AD<"20021118" or @RLAD<"20021118")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:57 |
| S62 | 4330  | (similar or comparable or like or match\$3 or relat\$3) near3 (divid\$3 or ratio) near3 (popular\$3 or frequency or count)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:58 |
| S63 | 507   | (similar) near3 (divid\$3 or ratio) near3 (popular\$3 or frequency or count)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:58 |
| S64 | 313   | S63 and (@AD<"20021118" or @RLAD<"20021118")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:58 |
| S65 | 485   | (similar) near3 (divid\$3 or ratio) near3 (frequency)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:59 |
| S66 | 300   | S65 and (@AD<"20021118" or @RLAD<"20021118")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 13:59 |
| S67 | 810   | (similar or comparable or like or match\$3 or relat\$3) with (divid\$3 or ratio) with (popular\$3 or frequency or count) with (word or keyword or phrase or term) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 14:03 |
| S68 | 456   | S67 and (@AD<"20021118" or @RLAD<"20021118")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 14:05 |



## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S69 | 451 | S68 not S64  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 14:05 |
| S70 | 7   | ((cooccurrence or co-occurrence)<br>with (divid\$3 or ratio) with<br>(document adj frequency)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/26 14:48 |
| S71 | 3   | (US-20040064438-\$).did. or<br>(US-6545209-\$ or US-7010515-\$).<br>did.                       | US-PGPUB;<br>USPAT  | OR | ON | 2008/03/03 00:58 |